



WATER COMMISSION

The Torrance Water Commission is an advisory body to the City Council that meets on the fourth Wednesday of each month at 7:00 p.m. in the West Annex Commission Meeting Room. All meetings are open to the public. Those who wish to speak on any matter on the agenda are asked to complete a "Speaker Information" card (available at the meeting) and relay it to the staff before leaving the meeting.

Staff reports are available for review in the Public Works Department and City Clerk's Office. Direct any other questions or concerns to Chuck Schaich at (310) 781-6900.

In compliance with the Americans with Disabilities Act, if special assistance is needed to participate in this meeting, please call (310) 781-6900. Notification 48 hours prior to the meeting will enable the City to make reasonable arrangements to ensure accessibility to this meeting. [28CFR 35.102-104 ADA Title II].

HOURS OF OPERATION
Monday through Friday
7:30 a.m. to 5:30 p.m.

Offices are closed on alternate Fridays on July 5th and on July 19th, and on July 4th for the Fourth of July Holiday

City of Torrance Home Page Address:
<http://www.TorranceCA.Gov>

TORRANCE WATER COMMISSION

WEST ANNEX MEETING ROOM
CITY HALL
3031 TORRANCE BOULEVARD
TORRANCE, CA 90503

WEDNESDAY
July 24, 2019
7:00 P.M.

AGENDA

1. CALL TO ORDER
2. ROLL CALL/MOTIONS FOR EXCUSED ABSENCE
3. FLAG SALUTE
4. MOTION TO ACCEPT AND FILE REPORT ON POSTING OF AGENDA
5. APPROVAL OF MINUTES
6. ORAL COMMUNICATION FROM PUBLIC
7. OLD BUSINESS
 - A. Status Regarding Water Conservation in Municipal Service Area and Water Supply Conditions
8. NEW BUSINESS
 - A. Presentation and Review of Annual Water Quality Report (CCR) for Calendar 2018
 - B. Election of Water Commission Chair and Vice-Chair For Fiscal 2019-20
9. METROPOLITAN WATER DISTRICT DIRECTOR'S REPORT
10. WEST BASIN WATER ASSOCIATION REPORT
11. MONTHLY WATER DEPARTMENT REPORT
12. ORALS
13. ADJOURNMENT
Wednesday, August 28, 2019 at 7:00 p.m. in the West Annex Commission Meeting Room for regular meeting

Roll Call: _____ Craft _____ Glass _____ Jay _____ Kawai
_____ Nishinaga _____ Siani _____ Chairperson Walser

**MINUTES OF A REGULAR MEETING
OF THE TORRANCE WATER COMMISSION**

1. CALL TO ORDER

The Torrance Water Commission convened in a regular session at 7:02 p.m. on Wednesday, June 26, 2019 in the West Annex Meeting Room, Torrance City Hall.

2. ROLL CALL:

Present: Commissioners Chim-Lieu*, Jay, Kawai, McGee, Nishinaga, and Chairperson Walser.

Absent: Commissioner Craft.

Also Present: Administrative Analyst Garcia, Water Operations Manager Darlak, and Metropolitan Water District Director Lefevre.

*Commissioner Chim-Lieu arrived at 7:05 p.m.

3. FLAG SALUTE

Commissioner Kawai led the Pledge of Allegiance.

4. AFFIDAVIT OF POSTING

MOTION: Commissioner Kawai moved to accept and file the report of the City Clerk on the posting of the agenda for this meeting. Commissioner McGee seconded the motion; a roll call vote reflected 5-0 approval (absent Commissioners Chim-Lieu and Craft).

5. APPROVAL OF MINUTES

5A. MINUTES OF MAY 22, 2019

MOTION: Commissioner Jay moved for the approval of the May 22, 2019 Water Commission meeting minutes as presented. Commissioner Kawai seconded the motion; a roll call vote reflected 5-0 approval (absent Commissioners Chim-Lieu and Craft).

6. ORAL COMMUNICATION FROM PUBLIC

Members of the public spoke.

MOTION: Commissioner Chim-Lieu moved to grant Commissioner Craft an excused absence for the June 26, 2019 Water Commission meeting. Commissioner Kawai seconded the motion; a roll call vote reflected 6-0 approval (absent Commissioner Craft).

7. OLD BUSINESS

7A. STATUS REGARDING WATER CONSERVATION IN MUNICIPAL SERVICE AREA AND WATER SUPPLY CONDITIONS

Administrative Analyst Garcia reported that total potable water use in the service area has remained at a steady level at 11%-12% since the 2013 baseline year, averaging 188 acre-feet (AF) per month. He noted this reflects an overall long-term retention of nearly 60% of water savings achieved during the drought. He stated precipitation is over 40% above normal for the greater Los Angeles area and snowpack in critical watersheds are as high as 200% of normal.

8. NEW BUSINESS

8A. PRESENTATION REGARDING DEVELOPMENT OF EMERGENCY ACTION PLAN AND INUNDATION STUDY

Administrative Analyst Garcia provided a PowerPoint presentation "Inundation Study and Emergency Action Plan." He reported Torrance Municipal Water is in the process of updating its Inundation Maps and Emergency Action Plan (EAP) for two City reservoirs, WALTERIA and Ben Haggot. He noted there is an EAP in place, last updated in 2018. He stated newly enacted State of California law, precipitated by the 2017 Oroville Dam crisis, requires dam owners to update their Inundation Maps and EAP for their dams under certain conditions and in specific time limits. He added that the reservoirs and flood zones have not changed since the 1980s.

He described a map of dams in California, and explained that WALTERIA and Ben Haggot reservoirs are classified as dams based on their height. He stated WALTERIA Dam, built in 1987, is a 10 million gallon reservoir with a height of 40 feet, and Ben Haggot, built in 1953, is an 18 million gallon reservoir, with a height of 31 feet. He stated the condition of dam are assessed as satisfactory, fair, poor, or unsatisfactory and noted that the Condition Assessment for both WALTERIA and Ben Haggot is satisfactory, with no existing or potential safety deficiencies recognized. He reviewed a chart of Downstream Hazard Potential Classification, and potential downstream impacts to life and property, that are ranked as low, significant, high, and extremely high. He stated both dams have been classified as high hazard because there is possibility of at least one human life lost.

In response to Commissioner Chim-Lieu's inquiry, he explained the depth of water, a minimum of six inches or higher, determines the possibility of loss of life, adding most reservoirs are classified as high hazard because of the amount of water they hold when completely full.

Water Operations Manager Darlak noted the reservoirs are kept at 15 feet, or approximately half full, due to water quality and pressure issues. He stated they would have to increase the levels in approximately eight months when MWD's Sepulveda feeder is developed.

Administrative Analyst Garcia reported SB 92 requires updates to Inundation Maps no less frequently than every ten years and specifies what needs to be on the Maps, modeling requirements, and failure scenarios. He stated the failure scenarios include sunny day conditions, reservoirs at the maximum possible storage, a complete and nearly instantaneous collapse of dams, and a breach of the full height of the dam.

In response to Commissioner Nishinaga's inquiries, Water Operations Manager Darlak explained the State conducts annual visual inspections of the reservoirs for all loading

conditions that include seismic safety. He added rising ocean level and flooding due to rain are not considered because the Study is specific to the two dams.

Responding to an inquiry from Commissioner Jay, Water Operations Manager Darlak stated there is currently no warning system; however there is a radio-read leak meter.

Administrative Analyst Garcia reviewed the Flood Arrival Maps and Flood Depth Maps for both dams in the preliminary Inundation Maps prepared by Dudek Inc. He stated the City has submitted the first draft Inundation Maps to the Division of Safety of Dams but do not expect comments for at least six months. He noted, once approved, they would update the City's EAP and submit it to the California Office of Emergency Services for approval. He added the Maps and updated EAP would be available to the public on the City's website.

9. METROPOLITAN WATER DISTRICT DIRECTOR'S REPORT

MWD Director Lefevre announced a State Water Project and farm inspection tour on October 4-6, 2019. He reported the State Water Project increased their allocation from 70% to 75% last week, adding they are having difficulty finding storage for it and expect to have over four million AF of storage by the end of this year. He provided updates on the proposal for a brackish desalination facility in the South Bay and negotiations with San Diego County Water Authority (SDCWA) to settle its six lawsuits with MWD. He noted SDCWA's new Director is interested building their own conveyance system from Imperial Irrigation District to San Diego. He discussed the Governor's support of a single tunnel through the Delta and offered to arrange a tour of the Carson water recycling plant.

10. WEST BASIN WATER ASSOCIATION REPORT

Water Operations Manager Darlak reported that Deputy Public Works Director Knapp has been elected Treasurer of West Basin Water Association.

11. MONTHLY DEPARTMENT REPORT

Water Operations Manager Darlak reported total potable water produced and imported from all sources is 1.6% lower compared to May 2018. He noted, on a year-to-date basis, total water projected and imported from all sources, including recycled water, is 5.6% lower than in 2018. He reported the Goldsworthy Desalter is running both wells but production has slowed due to clogging cartridge filters from Delthorne well's water quality. He stated pipes for booster pumps for the North Torrance well field project have been installed, and wells #10 and #11 will be drilled this summer. He attributed the 12 water main breaks in May to pressure fluctuations. He discussed the recent loss of several water operators to other agencies and noted last night City Council approved a 10% wage increase. He informed them that a new Public Works Director has not been selected yet.

12. ORALS

Commissioner Siani requested an excused absence for the July 24 Commission meeting.

Administrative Analyst Garcia announced a grand opening event at the Albert Robles Center in Pico Rivera on August 22, a community outreach event with MWD and Ben Allen at the Toyota Meeting Hall on September 27, and a free rain barrel distribution for Torrance residents on November 2.

13. ADJOURNMENT

MOTION: At 8:36 p.m., Commissioner Chim-Lieu moved to adjourn the meeting to Wednesday, July 24, 2019 at 7:00 p.m. in the West Annex Commission meeting room. Commissioner McGee seconded the motion; a roll call vote reflected approval.

###

Subject to Approval

Water Commission Meeting of
June 24, 2019

TO: Chairman and Members of the Torrance Water Commission
FROM: Matthew Knapp, Deputy Public Works Director-Operations
SUBJECT: **STATUS REGARDING WATER CONSERVATION IN TORRANCE MUNICIPAL SERVICE AREA AND WATER SUPPLY CONDITIONS IN CALIFORNIA**

Item Available Next Week

Roll Call: _____ Chim-Lieu _____ Craft _____ Jay _____ Kawai
_____ McGee _____ Nishinaga _____ Chairperson Walser

Water Commission Meeting of
July 24, 2019

TO: Chairman and Members of the Torrance Water Commission

FROM: Mathew Knapp, Deputy Public Works Director –Operations

SUBJECT: **PRESENTATION AND REVIEW OF ANNUAL WATER
 QUALITY REPORT (CCR) FOR CALENDAR YEAR 2018**

On an annual basis, Torrance Municipal Water (TMW) publishes an Annual Water Quality Report (also known as the Consumer Confidence Report (CCR)) to inform customers regarding the status of the municipal water supply and water quality, and explains any water quality concerns or variances from state and/ federal regulations or standards. The preparation and dissemination of this report has been a State of California requirement since the late 1980's, and a federal mandate beginning in the mid-1990's.

A copy of the CCR for calendar year 2018 is attached for your reference. The report was posted on the City's website in June and all customers were notified regarding how to access the report. The CCR highlights a number of major areas including; the TMW's current water supplies, important health information as it pertains to drinking water supplies, water quality monitoring in the Municipal system, and most importantly, sampling /testing results for reportable constituents in potable Municipal water supplies. Approximately two-thirds of the report is comprised of statements required by the federal Environmental Protection Agency (EPA), which is responsible for setting water quality standards and reporting requirements. As in prior years, TMW met all primary water quality standards established by the federal EPA and the State of California State Water Resources Board (SWRCB) Division of Drinking Water.

Staff will provide an overview presentation regarding the CCR and relate water quality information.


 Matthew Knapp
 Deputy Public Works Director-Operations

Attachment

Roll Call: ___ Craft ___ Glass ___ Jay ___ Kawai
 ___ Nishinaga ___ Siani ___ Chairperson Walser

TO: Chairman and Members of the Torrance Water Commission

FROM: Mathew Knapp, Deputy Public Works Director –Operations

SUBJECT: **ELECTION OF WATER COMMISSION CHAIR AND VICE-CHAIR
FOR FISCAL 2019-20**

The terms for the Water Commission Chair and Vice-Chair will expire at the end of fiscal year 2018-19. Therefore, it is necessary that the Commission hold an election for both positions for fiscal 2019-20 at this month’s meeting.

The Commission has broad discretion regarding the appointment of both positions and there are no term limit requirements, and the current and past Chairs are eligible for reappointment. The current Chair is Jack Walser and the Vice-Chair is Raymond Jay. The terms of both positions are through fiscal 2019-20. The Commission should conduct a nomination process and then vote to choose both posts.



Matthew Knapp
Deputy Public Works Director-Operations

Roll Call: ___ Craft ___ Glass ___ Jay ___ Kawai
 ___ Nishinaga ___ Siani ___ Chairperson Walser

TO: Chairman and Members of the Torrance Water Commission
FROM: Matthew Knapp, Deputy Public Works Director-Operations
SUBJECT: MONTHLY WATER DIVISION REPORT FOR JUNE 2019

Monthly Water Department highlights for the month of June 2019 are:

1. Total potable water produced and imported from all sources is 1.6% lower compared to June 2018. On a year-to-date basis, total water produced and imported from all sources, including recycled water, is 5.6% lower than in 2018.

Water Produced and Imported (Acre-feet)

Month: June			
Water Source	June 2018	June 2019	Change
Potable Groundwater			
Wells	132.6	152.8	+15.2%
WRD Desalter*	239.7	184.0	-23.2%
Subtotal	372.3	336.8	-9.5%
Imported Potable			
MWD	1,210.7	1,220.2	+0.8%
Imported Recycled			
WBMWD	606.2	495.2	-18.3%
Total Produced/Imported			
All Potable Sources	1,583.0	1,557.0	-1.6%
All Sources + Recycled	2,189.2	2,052.2	-6.3%

Year to Date: 2018 vs 2019			
Water Source	2018 YTD	2019 YTD	Change
Potable Groundwater			
Wells	986.8	1,022.3	+3.6%
WRD Desalter*	555.1	936.6	+75.0%
Subtotal	1,521.9	1,958.9	+28.7%
Imported Potable			
MWD	6,854.3	6,470.7	-5.6%
Imported Recycled			
WBMWD	3,259.9	2,543.2	-22.0%
Total Produced/Imported			
All Potable Sources	8,376.2	8,429.6	+0.6%
All Sources + Recycled	11,636.1	10,972.8	-5.7%

*May data estimate based on production reads

*May data estimate based on production reads

2. There was only 1 main break for the month of June 2019. Field crews continue to replace "hot spot" areas throughout the city. There were 9 more main breaks year-to-date compared to last year.
3. The Goldsworthy Desalter ran one well on a fairly constant basis through the Reverse Osmosis (RO) Trains last month. It is expected that production yield will be increased once the second well becomes fully operational.



 Matthew Knapp
 Deputy Public Works Director-Operations

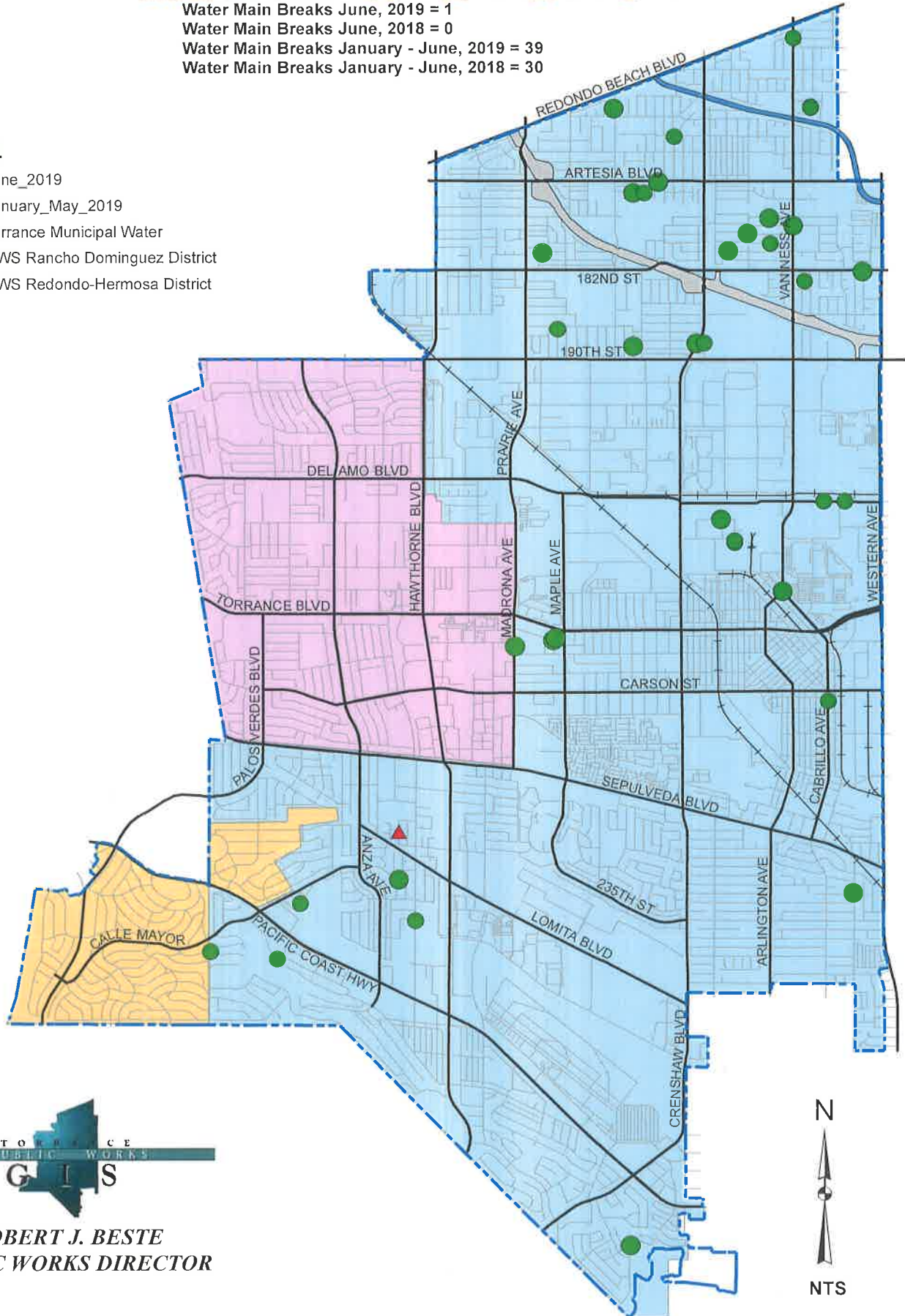
Roll Call: _____ Craft _____ Glass _____ Jay _____ Kawai
 _____ Nishinaga _____ Siani _____ Chairperson Walser

TORRANCE MUNICIPAL WATER WATER MAIN BREAKS 2019

Water Main Breaks June, 2019 = 1
 Water Main Breaks June, 2018 = 0
 Water Main Breaks January - June, 2019 = 39
 Water Main Breaks January - June, 2018 = 30

Legend

- ▲ June_2019
- January_May_2019
- Torrance Municipal Water
- CWS Rancho Dominguez District
- CWS Redondo-Hermosa District



ROBERT J. BESTE
PUBLIC WORKS DIRECTOR



Water Commission Roster 2019

Name	Address	Phone	Email	Term Begins	Term Expires
Chet Craft	23119 Adolph Ave. Torrance, CA 90505	H – 310-906-9201 B – 310-373-8739	askchet@yahoo.com	2/1/18	6/30/22
Melvin Glass	2621 Plaza Del Amo #525 Torrance, CA 90503	H – 310-212-0845 C – 310-503-0984	elasmel@aol.com	7/1/19	6/30/23
Raymond Jay (V. Chair)	22713 Fonthill Ave. Torrance, CA 90505	H – 310-530-5777 B – 213-217-5777	raymondjays@yahoo.com	2/1/17	6/30/21
M. Kent Kawai	4045 W. 173 rd Pl. Torrance, CA 90504	B – 310-433-4314	mkawaiusa@netscape.net	2/1/16	6/30/20
Linden Nishinaga	523 Paseo de los Reyes Redondo Beach, CA 90277	H – 310-918-2327	lnishinaga@gmail.com	2/1/16	6/30/20
Sue Siani	1907 W. 234 th St. Torrance, CA 90501	H – 310-530-4212 C – 310-488-7678	suesiani@gmail.com	7/1/18	6/30/23
Jack Walsler (Chair)	2558 W. 232 nd St. Torrance, CA 90505	H – 310-613-9369 B – 310-891-3325	service@walsers.com	2/1/17	6/30/21

City Staff

20500 Madrona Ave., Torrance, CA 90503
P: 310-781-6900, F: 310-781-6902

Andy Darlak	adarlak@torranceca.gov
Craig Bilezerian	cbilezerian@torranceca.gov
Matt Knapp	mknapp@torranceca.gov
Chuck Schaich	cschaich@torranceca.gov
Joey Garcia	joeygarcia@torranceca.gov

Metropolitan Water District Director

Russell Lefevre	525 Via la Selva Redondo Beach, CA 90277	H – 310-378-5983	r.lefevre@earthlink.net
-----------------	---------------------------------------------	------------------	----------------------------------------------------------------------